

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A vinylidene fluoride resin monofilament, comprising a vinylidene fluoride resin having an inherent viscosity of at least 1.40 dl/g, and having a knot strength (JIS L1013) of at least ~~600~~ 650 MPa and a twist index of at least 0.90 when measured after the monofilament being subjected to application for 1 minute of a tensile load equal to approximately 50% of a maximum tensile load (JIS K7113), removal of the load, and standing for 3 hours.
2. (Currently amended) ~~A~~ The monofilament according to claim 1, having a twist index of at least 0.92.
3. (Currently amended) ~~A~~ The monofilament according to claim 1, having a core-sheath laminar structure comprising a core having a higher inherent viscosity and a sheath having a lower inherent viscosity.
4. (Currently amended) ~~A~~ The monofilament according to claim 1, having a knot elongation of 16 - 35% and a Young's modulus of 1500 - 3500 MPa.
5. (Currently amended) ~~A~~ the monofilament according to claim 1, having a diameter of 52 mm – 1.81 mm.
6. (Withdrawn) A process for producing a vinylidene fluoride resin monofilament, comprising: subjecting a vinylidene fluoride resin monofilament having an inherent viscosity of at least 1.40 dl/g after melt-spinning and stretching to a high-temperature relaxation treatment for

an extremely short period of 0.05 - 0.5 sec. within a high-temperature heating oil bath at a temperature of 140 - 175°C.

7. (Withdrawn-Currently amended) ~~A~~The process according to claim 6, wherein the vinylidene fluoride resin monofilament has been stretched at a ratio of at least 5 times prior to the relaxation heat treatment.

8. (Withdrawn-Currently amended) ~~A~~The process according to claim 6, wherein a relaxation of 1 - 14% is given in the relaxation heat treatment.

9. (Withdrawn-Currently amended) ~~A~~The process according to claim 6, wherein the heating oil bath comprises glycerin, silicone oil or polyethylene glycol.

10. (Previously presented) A fishing line, comprising a vinylidene fluoride resin monofilament according to claim 1.

11. (Currently amended) ~~A~~The fishing line according to claim 10, in a form of being wound about a spool.